UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/661,926	09/11/2003	Mazen Chmaytelli	990545	8382

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EXAMINER
HALIYUR, VENKATESH N

ART UNIT	PAPER NUMBER
2476	

NOTIFICATION DATE	DELIVERY MODE
04/12/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

us-docketing@qualcomm.com

	Application No.	Applicant(s)
Office Action Summary	10/661,926	CHMAYTELLI ET AL.
	Examiner	Art Unit	
	VENKATESH HALIYUR	2476	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>*02/15/2011*</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>*1-35(claims 20,30 canceled)*</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>*1-19,21-29 and 31-35*</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>*11 September 2003*</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

Response to Amendment

1.   The amendment filed on 02/15/2011 has been fully considered. However the amendments necessitated new ground(s) of rejection in view of a newly found reference. Rejection follows.

2.   A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 02/15/2011 has been entered.

3.   Claims 1-35 are pending in the application. Claims 20, 30 are canceled.

Claim Rejections - 35 USC § 103

4.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> a.   A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5.   Claims 1-19, 21-29, 31-35 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Brown et al. [US Pub: 2003/0112952] and Helferich [US Pat:

6,696,921] further in view of Mizikovsky et al. [US Pat: 5,559,860].

         Regarding claims 1, 32, Brown disclosed a cellular telephone **(items 502,**

504, Figs 5/6, para 0152-0153, 0168-169) comprising: a processor **(item 530 of**

Fig 5); a wireless communication interface **(item 528 of Fig 5)**, coupled to said

processor, wherein the wireless communication interface selectively receives an

attempted incoming communication connection across a wireless network **(filter**

or screen calls, para 0094); and a memory coupled to said processor **(para**

0018, 0045-0047), wherein the processor is configured to: receive an attempted

incoming communication connection **(para 0033-0037, Fig 1)**; determine whether

the attempted incoming communication can be classified based on whether

identifying information of the attempted incoming communication connection is

recognized **(item 524 of Fig 5, para 0091)** and determine whether there is a

default response associated with exists when it is determined that the unclassified

incoming communications when identifying information is not recognized **(caller**

identification, para 0083, 0090) and request a user to input a classification for

the attempted incoming communication and determine whether the user

responded to the request when the identifying information is not recognized and it

is determined that no default response is associated with unclassified incoming

communications exists **(classify the attempted calls according to calling party classification, para 0091-0094)**;

Brown disclosed that PDA, wireless telephone **(cellular telephone)** may comprise call processor **(item 120b of Fig 1, para 0047)** and the classification process in the cellular telephone **(0057-0063)** but fails to explicitly disclose that the processor is located at a cellular telephone and wherein the default response establishes whether the unclassified communication will be able to establish a connection and perform the default response when it is determined that the identifying information is not recognized and that there is a default response associated with unclassified incoming communications.

However, Helferich disclosed a mobile device including the wireless communication interface coupled to a processor, and the memory coupled to the processor module for performing processing tasks **(Fig 1-2)** to provide predetermined responses based on the incoming service request **(col 3, lines 37-48, col 4, lines 55-67, col 5, lines 1-67, col 6, lines 1-7)** and wherein the default response establishes whether the unclassified communication will be able to establish a connection and perform the default response when it is determined that the identifying information is not recognized and that there is a default response associated with unclassified incoming communications **(col 7, lines 32-65, col 11, lines 54-67, col 12, lines 1-37, Fig 9)**

Therefore it would have been obvious for one of the ordinary skill in the art at the time the invention was made to use the method of including a processor

coupled to the memory and the client module for performing processing tasks in

the cellular telephone and wherein the default response establishes whether the

unclassified communication will be able to establish a connection and perform

the default response when it is determined that the identifying information is not

recognized and that there is a default response associated with unclassified

incoming communications as taught by Helferich et al in the system of Brown et

al to include a processor coupled to a memory and a classifier in the cellular

telephone to classify the incoming communication connection and wherein the

default response establishes whether the unclassified communication will be able

to establish a connection and perform the default response when it is determined

that the identifying information is not recognized and that there is a default

response associated with unclassified incoming communications.

Both Brown and Helferich fail to positively disclose classify the attempted

incoming communication connection based upon the identifying information when

the identifying information is recognized and determine whether there is a

predetermined response to the attempted incoming communication connection

based upon the classification, wherein the predetermined response establishes

whether the attempted incoming communication will be able to establish a

connection connect with the user; and perform the predetermined response to the

attempted incoming communication and allow connection of the incoming

communication when it is determined that there is not a predetermined response

to the-attempted incoming communication connection or when it is determined

that the user did not respond to the request to classify the incoming

communication.

Mizikovsky disclosed a method for classifying the attempted incoming

communication connection using the identifying information with default

responses **(item 310 of Fig 3, item 108 of Fig 2, col 4, lines 22-64, function**

category, response categories set by the user, col 6, lines 44-67) and classify

the attempted incoming communication connection based upon the identifying

information when the identifying information is recognized **(col 7, lines 50-62, Fig**

1) and determine whether there is a predetermined response to the attempted

incoming communication connection based upon the classification **(col 7, lines**

63-67), wherein the predetermined response establishes whether the attempted

incoming communication will be able to establish a connection connect with the

user; and perform the predetermined response to the attempted incoming

communication **(col 7, lines 32-38)** and allow connection of the incoming

communication when it is determined that there is not a predetermined response

to the-attempted incoming communication connection **(col 7, lines 39-67)** or

when it is determined that the user did not respond to the request to classify the

incoming communication **(col 8, lines 14-19, Fig 5)**.

Therefore it would have been obvious for one of the ordinary skill in the art

at the time the invention was made to use the method of whether to classify or

not to classify the incoming connection based on the identifying information in the

connection request as taught by Mizikovsky et al in the system of Brown et al as

modified by Helferich et al to include the features of whether to classify or use default classification if exists based on the identifying information or classify according to user's classification if a default classification does not exist and to provide a predetermined response to the attempted incoming connection request. One is motivated as such in order to provide a predetermined response to improve the call handling ability based on the classification and identification of the incoming call at a cellular telephone.

Regarding claims 2-3,12-13,22-23, Brown et al disclosed that the predetermined response comprises blocking **(filter or screen calls)** the attempted incoming communication connection attempt and the predetermined response comprises sending an audio response **(voice message/mail)** to the attempted incoming communication connection **(para 0094)**.

Regarding claim 4, 14, 24, Brown et al disclosed that the predetermined response comprises requesting user input as to whether to accept the attempted incoming communication connection **(para 0032-0033, 0039-0042)**.

Regarding claim 5, 15, 25, Brown et al disclosed that the predetermined response comprises returning a data response to the attempted incoming communication connection **(para 0124)**.

Regarding claim 6, 16, 26, Brown et al disclosed that the classification of the attempted incoming communication connection occurs from identifying the telephone number of a calling telephone making the attempted incoming communication connection **(para 0037)**.

Regarding claims 7-8, 17-18, 27-28, Brown et al disclosed wherein identifying a telephone number of a calling telephone comprises receiving Caller ID for the attempted incoming communication connection and the classifying the attempted incoming communications occurs through the receipt of identity data within the attempted incoming communication connection **(para 0091-0093)**.

Regarding claim 9, 19, 29, Brown et al disclosed wherein returning a data response to the attempted incoming communication connection comprises sending a short messaging service **(SMS)** message to a device making the attempted incoming communication connection **(para 0124)**.

Regarding claims 10, 33 Brown et al disclosed a computer cellular telephone **(items 502, 504, Fig 5, para 0152)** comprising:

means for selectively receiving **(filter or screen calls)** an attempted incoming communication connection across a wireless network **(Figs 1)**;

means for determining whether the attempted incoming communication **(item 524 of Fig 5)** can be classified based on whether identifying information of the attempted incoming communication connection is recognized **(para 0091)**;

means for determining whether there is a default response associated with exists when it is determined that the unclassified incoming communications when the identifying information is not recognized **(caller identification, para 0083, 0090)**, wherein the default response establishes whether the unclassified communication will be able to establish a connection **(para 0168)**; means for requesting a user to classify the attempted incoming communication and

determine whether the user responded to the request when the identifying

information is not recognized and it is determined that no default response is

associated with unclassified incoming communications **(col 4, lines 22-64)**;

means for classifying the attempted incoming communication connection based

upon the identifying information when the identifying information is recognized a

classification by the user, then it is determined that the user classified the

incoming communication **(classify the attempted calls according to calling**

party classification, para 0091-0094, 0170);

Brown et al fails to explicitly disclose means for wherein the default

response establishes whether the unclassified communication will be able to

establish a connection and perform the default response when it is determined

that the identifying information is not recognized and that there is a default

response associated with unclassified incoming communications.

However, Helferich disclosed means for wherein the default response

establishes whether the unclassified communication will be able to establish a

connection and perform the default response when it is determined that the

identifying information is not recognized and that there is a default response

associated with unclassified incoming communications **(col 7, lines 32-65, col**

11, lines 54-67, col 12, lines 1-37, Fig 9)

Therefore it would have been obvious for one of the ordinary skill in the art

at the time the invention was made to use the method of including a processor

coupled to the memory and the client module for performing processing tasks in

the cellular telephone and wherein the default response establishes whether the

unclassified communication will be able to establish a connection and perform

the default response when it is determined that the identifying information is not

recognized and that there is a default response associated with unclassified

incoming communications as taught by Helferich et al in the system of Brown et

al to include a processor coupled to a memory and a classifier in the cellular

telephone to classify the incoming communication connection.

Both Brown and Helferich fail to positively disclose means for classifying

the attempted incoming communication connection based upon the identifying

information when the identifying information is recognized and means for

determining whether there is a predetermined response to the attempted

incoming communication connection based upon the classification, wherein the

predetermined response establishes whether the attempted incoming

communication will be able to establish a connection connect with the user; and

means for performing the predetermined response to the attempted incoming

communication and means for allowing connection of the incoming

communication when it is determined that there is not a predetermined response

to the-attempted incoming communication connection or when it is determined

that the user did not respond to the request to classify the incoming

communication.

Mizikovsky disclosed means for classifying the attempted incoming

communication connection using the identifying information with default

responses **(item 310 of Fig 3, item 108 of Fig 2, col 4, lines 22-64, function category, response categories set by the user, col 6, lines 44-67)** and classifying the attempted incoming communication connection based upon the identifying information when the identifying information is recognized **(col 7, lines 50-62, Fig 1)** and determining whether there is a predetermined response to the attempted incoming communication connection based upon the classification **(col 7, lines 63-67)**, wherein the predetermined response establishes whether the attempted incoming communication will be able to establish a connection connect with the user; and performing the predetermined response to the attempted incoming communication **(col 7, lines 32-38)** and allowing the connection of the incoming communication when it is determined that there is not a predetermined response to the-attempted incoming communication connection **(col 7, lines 39-67)** or when it is determined that the user did not respond to the request to classify the incoming communication **(col 8, lines 14-19, Fig 5)**.

Therefore it would have been obvious for one of the ordinary skill in the art at the time the invention was made to include the means for classifying, determining, performing and allowing functions to classify the incoming connection with default responses for the unclassified connection requests based on the identifying information in the attempted connection request as taught by Mizikovsky et al in the system of Brown et al as modified by Helferich et al to include the means to means for classifying, determining, performing and allowing functions to classify the incoming connection with default responses for the

unclassified connection requests based on the identifying information in the

connection. One is motivated as such in order to provide a predetermined

response to improve the call handling ability based on the classification and

identification of the incoming call at a cellular telephone.

Regarding claims 11, 34 Brown et al disclosed a method for responding to

incoming communication connection attempts at a cellular telephone **(items 502,

504, para 0152)**, comprising:

receiving an attempted incoming communication connection at the cellular

telephone **(para 0017-0018)**:; storing the attempted incoming communication in a

memory of the cellular telephone **(para 0047,0152-0153)**; determine whether the

attempted incoming communication can be classified based on whether

identifying information of the attempted incoming communication connection is

recognized **(item 524 of Fig 5, para 0091)** and determine whether there is a

default response associated with exists when it is determined that the

unclassified incoming communications when identifying information is not

recognized **(caller identification, para 0083, 0090)** and requesting a user to

classify the attempted incoming communication and determine whether the user

responded to the request when the identifying information is not recognized and

if no default response is associated with unclassified incoming communication

**classify the attempted calls according to calling party classification, para

0091-0094, 0154, Fig 1)**.

Brown fails to explicitly disclose that the processor is located at a cellular telephone and wherein the default response establishes whether the unclassified communication will be able to establish a connection and perform the default response when it is determined that the identifying information is not recognized and that there is a default response associated with unclassified incoming communications.

However, Helferich disclosed wherein the default response establishes whether the unclassified communication will be able to establish a connection and perform the default response when it is determined that the identifying information is not recognized and that there is a default response associated with unclassified incoming communications **(col 7, lines 32-65, col 11, lines 54-67, col 12, lines 1-37, Fig 9)**

Therefore it would have been obvious for one of the ordinary skill in the art at the time the invention was made to use the method of including wherein the default response establishes whether the unclassified communication will be able to establish a connection and perform the default response when it is determined that the identifying information is not recognized and that there is a default response associated with unclassified incoming communications as taught by Helferich et al in the system of Brown et al to include the feature wherein the default response establishes whether the unclassified communication will be able to establish a connection and perform the default response when it is determined

that the identifying information is not recognized and that there is a default

response associated with unclassified incoming communications.

Both Brown and Helferich fail to positively disclose classify the attempted

incoming communication connection based upon the identifying information when

the identifying information is recognized and determine whether there is a

predetermined response to the attempted incoming communication connection

based upon the classification, wherein the predetermined response establishes

whether the attempted incoming communication will be able to establish a

connection connect with the user; and perform the predetermined response to the

attempted incoming communication and allow connection of the incoming

communication when it is determined that there is not a predetermined response

to the-attempted incoming communication connection or when it is determined

that the user did not respond to the request to classify the incoming

communication.

Mizikovsky disclosed a method for classifying the attempted incoming

communication connection using the identifying information with default

responses **(item 310 of Fig 3, item 108 of Fig 2, col 4, lines 22-64, function

category, response categories set by the user, col 6, lines 44-67)** and classify

the attempted incoming communication connection based upon the identifying

information when the identifying information is recognized **(col 7, lines 50-62, Fig

1)** and determine whether there is a predetermined response to the attempted

incoming communication connection based upon the classification **(col 7, lines**

63-67), wherein the predetermined response establishes whether the attempted

incoming communication will be able to establish a connection connect with the

user; and perform the predetermined response to the attempted incoming

communication **(col 7, lines 32-38)** and allow connection of the incoming

communication when it is determined that there is not a predetermined response

to the-attempted incoming communication connection **(col 7, lines 39-67)** or

when it is determined that the user did not respond to the request to classify the

incoming communication **(col 8, lines 14-19, Fig 5)**.

Therefore it would have been obvious for one of the ordinary skill in the art

at the time the invention was made to use the method of whether to classify or

not to classify the incoming connection based on the identifying information in the

connection request as taught by Mizikovsky et al in the system of Brown et al as

modified by Helferich et al to include the features of whether to classify or use

default classification if exists based on the identifying information or classify

according to user's classification if a default classification does not exist and to

provide a predetermined response to the attempted incoming connection

request. One is motivated as such in order to provide a predetermined response

to improve the call handling ability based on the classification and identification of

the incoming call at a cellular telephone.

Regarding claims 21,35, Brown et al disclosed a non-transitory computer-

readable storage medium having stored thereon processor-executable

instructions configured to cause a processor of a cellular telephone **(items 502, 504 of Fig 5, para 0152)** to perform operations comprising:

receiving an attempted incoming communication connection from another device across a wireless network **(Fig 1)**;

determining whether the attempted incoming communication can be classified based on whether identifying information of the attempted incoming communication connection is recognized **(para 0017-0018)**;

determine whether the attempted incoming communication can be classified based on whether identifying information of the attempted incoming communication connection is recognized **(item 524 of Fig 5, para 0091)** and determine whether there is a default response associated with exists when it is determined that the unclassified incoming communications when identifying information is not recognized **(caller identification, para 0083, 0090)** and requesting a user to classify the attempted incoming communication and determine whether the user responded to the request when the identifying information is not recognized and if no default response is associated with unclassified incoming communication **classify the attempted calls according to calling party classification, para 0091-0094, 0154, Fig 1)**.

Brown et al, disclosed that PDA, wireless telephone **(cellular telephone)** may comprise call processor **(item 120b of Fig 1, para 0047)** and the classification process in the cellular telephone **(0057-0063)** but fails to explicitly disclose that the processor is located at a cellular telephone and wherein the

default response establishes whether the unclassified communication will be able

to establish a connection and perform the default response when it is determined

that the identifying information is not recognized and that there is a default

response associated with unclassified incoming communications.

However, Helferich disclosed a mobile device including the wireless

communication interface coupled to a processor, and the memory coupled to the

processor module for performing processing tasks **(Fig 1-2)** to provide

predetermined responses based on the incoming service request **(col 3, lines 37-**

48, col 4, lines 55-67, col 5, lines 1-67, col 6, lines 1-7) and wherein the default

response establishes whether the unclassified communication will be able to

establish a connection and perform the default response when it is determined

that the identifying information is not recognized and that there is a default

response associated with unclassified incoming communications **(col 7, lines 32-**

65, col 11, lines 54-67, col 12, lines 1-37, Fig 9)

Therefore it would have been obvious for one of the ordinary skill in the art

at the time the invention was made to use the method of including a processor

coupled to the memory and the client module for performing processing tasks in

the cellular telephone and wherein the default response establishes whether the

unclassified communication will be able to establish a connection and perform

the default response when it is determined that the identifying information is not

recognized and that there is a default response associated with unclassified

incoming communications as taught by Helferich et al in the system of Brown et

al to include a processor coupled to a memory and a classifier in the cellular

telephone to classify the incoming communication connection.

Both Brown and Helferich fail to positively disclose classify the attempted

incoming communication connection based upon the identifying information when

the identifying information is recognized and determine whether there is a

predetermined response to the attempted incoming communication connection

based upon the classification, wherein the predetermined response establishes

whether the attempted incoming communication will be able to establish a

connection connect with the user; and perform the predetermined response to the

attempted incoming communication and allow connection of the incoming

communication when it is determined that there is not a predetermined response

to the-attempted incoming communication connection or when it is determined

that the user did not respond to the request to classify the incoming

communication.

Mizikovsky disclosed a method for classifying the attempted incoming

communication connection using the identifying information with default

responses **(item 310 of Fig 3, item 108 of Fig 2, col 4, lines 22-64, function**

category, response categories set by the user, col 6, lines 44-67) and classify

the attempted incoming communication connection based upon the identifying

information when the identifying information is recognized **(col 7, lines 50-62, Fig**

1) and determine whether there is a predetermined response to the attempted

incoming communication connection based upon the classification **(col 7, lines**

63-67), wherein the predetermined response establishes whether the attempted incoming communication will be able to establish a connection connect with the user; and perform the predetermined response to the attempted incoming communication **(col 7, lines 32-38)** and allow connection of the incoming communication when it is determined that there is not a predetermined response to the-attempted incoming communication connection **(col 7, lines 39-67)** or when it is determined that the user did not respond to the request to classify the incoming communication **(col 8, lines 14-19, Fig 5)**.

Therefore it would have been obvious for one of the ordinary skill in the art at the time the invention was made to use the method of whether to classify or not to classify the incoming connection based on the identifying information in the connection request as taught by Mizikovsky et al in the system of Brown et al as modified by Helferich et al to include the features of whether to classify or use default classification if exists based on the identifying information or classify according to user's classification if a default classification does not exist and to provide a predetermined response to the attempted incoming connection request. One is motivated as such in order to provide a predetermined response to improve the call handling ability based on the classification and identification of the incoming call at a cellular telephone.

Regarding claim 31, Brown et al disclosed the cellular telephone wherein the default response is an audio message configured for unidentified calling parties **(default to voice mail system, para 0094).**

Response to Arguments

6.   Applicant's argument, see remarks filed on 02/15/2011 with respect to claims 1-

35 have been fully considered, but is moot in view of the new ground(s) of rejections.

Conclusion

7.   Supervisory Patent Examiner, Art Unit 2476Any inquiry concerning this

communication or earlier communications from the examiner should be directed to

VENKATESH HALIYUR whose telephone number is (571)272-8616. The examiner can

normally be reached on Monday thru Friday 10:30AM to 7:00PM.

       If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

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USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Venkatesh Haliyur/   /Ayaz R. Sheikh/
Examiner, Art Unit 2476   Supervisory Patent Examiner, Art
                                                       Unit 2476